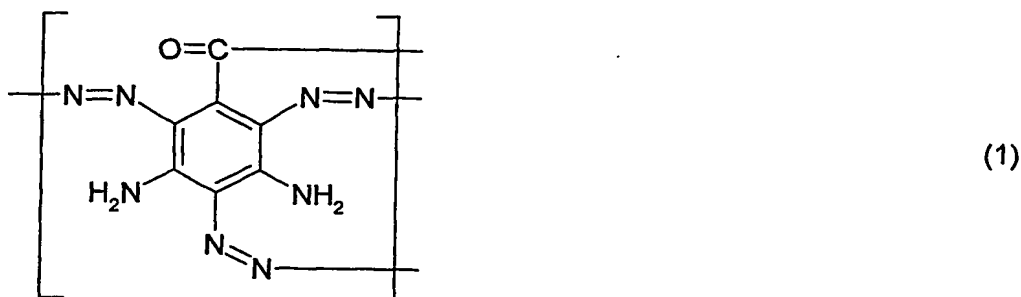
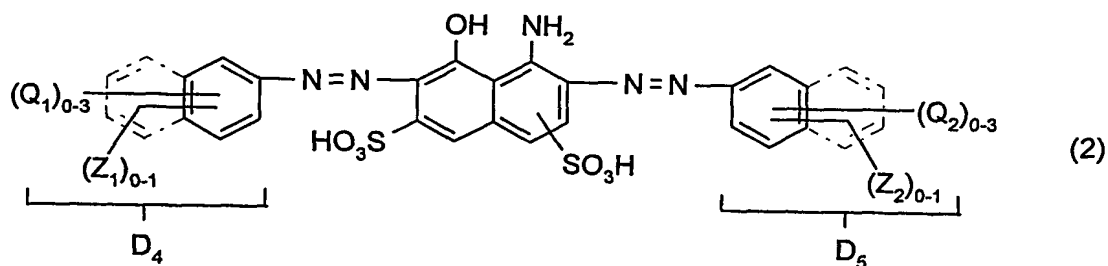


What is claimed is:

1. A dye mixture comprising a reactive dye having at least one structural unit of formula



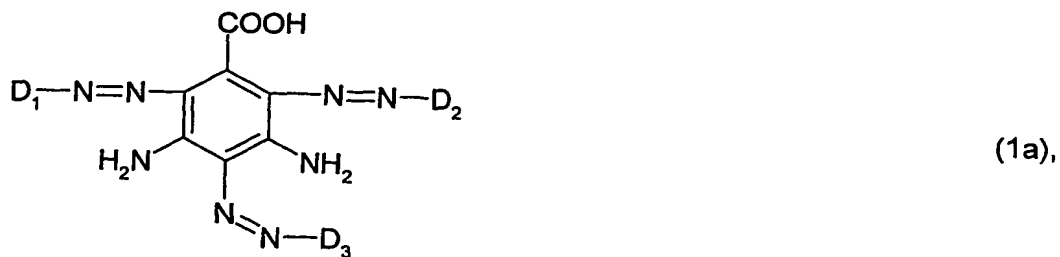
together with a reactive dye of formula



wherein

$(Q_1)_{0-3}$  and  $(Q_2)_{0-3}$  each independently of the other denote from 0 to 3 identical or different substituents selected from the group halogen,  $C_1$ - $C_4$ alkyl,  $C_1$ - $C_4$ alkoxy, carboxy and sulfo,  $Z_1$  and  $Z_2$  are each independently of the other a fibre-reactive radical, at least one fibre-reactive radical being contained in the dye of formula (1) and the dye of formula (2) containing at least one fibre-reactive radical  $Z_1$  or  $Z_2$ .

2. A dye mixture according to claim 1, wherein the reactive dye having at least one structural unit of formula (1) corresponds to a dye of formula

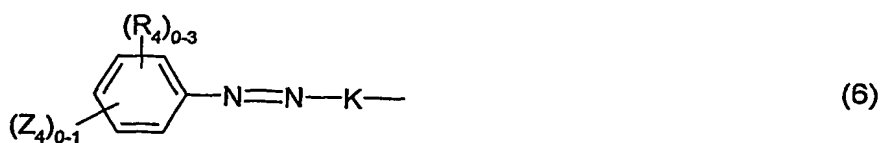


wherein

$D_1$ ,  $D_2$  and  $D_3$  are each independently of the others the radical of a diazo component of the benzene or naphthalene series, wherein at least one of the radicals  $D_1$ ,  $D_2$  and  $D_3$  contains a fibre-reactive radical.

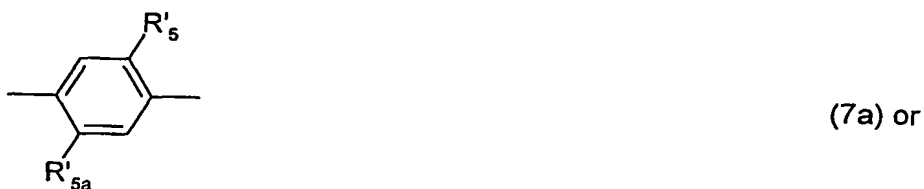
3. A dye mixture according to claim 1 or claim 2, wherein

$D_1$ ,  $D_2$  and  $D_3$  each independently of the others correspond to a radical of formula (5) or (6)



wherein

K is the radical of a coupling component of formula (7a) or (7b)



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and

$Z_3$  and  $Z_4$  are each independently of the other a radical of formula (3a), (3b), (3c), (3d), (3e) or (3f)

- $-\text{SO}_2-\text{Y}$  (3a),  
 $-\text{NH}-\text{CO}-(\text{CH}_2)_1-\text{SO}_2-\text{Y}$  (3b),  
 $-\text{CONR}_2-(\text{CH}_2)_m-\text{SO}_2-\text{Y}$  (3c),  
 $-\text{NH}-\text{CO}-\text{CH}(\text{Hal})-\text{CH}_2-\text{Hal}$  (3d),  
 $-\text{NH}-\text{CO}-\text{C}(\text{Hal})=\text{CH}_2$  (3e),



wherein

$R_{1a}$  and  $R_2$  are hydrogen,

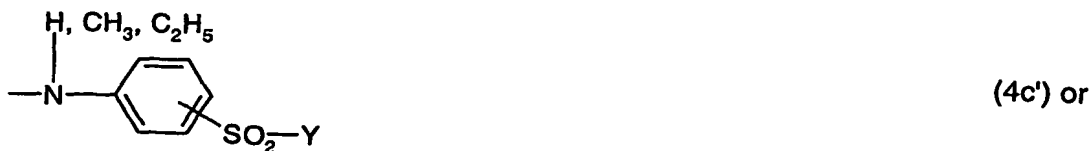
Hal is bromine,

Y is vinyl,  $\beta$ -chloroethyl or  $\beta$ -sulfatoethyl,

$T_1$  is  $\text{C}_1$ - $\text{C}_4$ alkoxy,  $\text{C}_1$ - $\text{C}_4$ alkylthio, hydroxy, amino, N-mono- or N,N-di- $\text{C}_1$ - $\text{C}_4$ alkylamino unsubstituted or substituted in the alkyl moiety or moieties by hydroxy, sulfato or by sulfo, morpholino, or phenylamino or N- $\text{C}_1$ - $\text{C}_4$ alkyl-N-phenylamino (wherein the alkyl is unsubstituted or substituted by hydroxy, sulfo or by sulfato) each unsubstituted or substituted in the phenyl ring by sulfo, carboxy, acetamino, chlorine, methyl or by methoxy, or naphthylamino unsubstituted or substituted by from 1 to 3 sulfo groups, or is a fibre-reactive radical of formula (4b'), (4c') or (4d')



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and Y is as defined above,

X<sub>1</sub> is chlorine or fluorine,

m and l are each independently of the other the number 2 or 3,

(R<sub>4</sub>)<sub>0-3</sub> and (Q<sub>3</sub>)<sub>0-3</sub> each independently of the other denote from 0 to 3 identical or different substituents selected from the group halogen, C<sub>1</sub>-C<sub>4</sub>alkyl, C<sub>1</sub>-C<sub>4</sub>alkoxy, carboxy and sulfo,

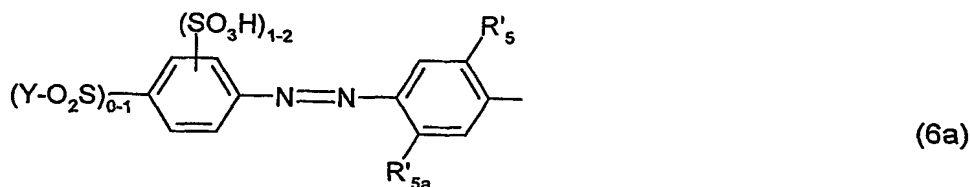
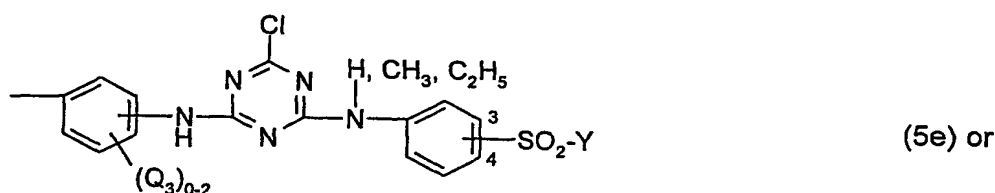
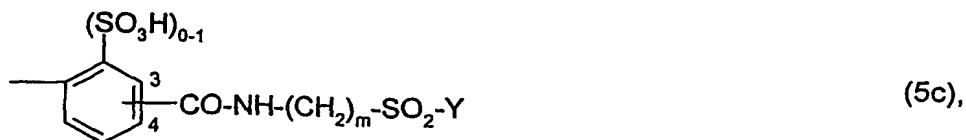
R'<sub>5</sub> is hydrogen, sulfo or C<sub>1</sub>-C<sub>4</sub>alkoxy unsubstituted or substituted in the alkyl moiety by hydroxy or by sulfato, and

R'<sub>5a</sub> is hydrogen, C<sub>1</sub>-C<sub>4</sub>alkyl, C<sub>1</sub>-C<sub>4</sub>alkoxy, C<sub>2</sub>-C<sub>4</sub>alkanoylamino, ureido or a radical of formula (3f) wherein the radicals R<sub>1a</sub>, T<sub>1</sub> and X<sub>1</sub> are as defined above.

4. A dye mixture according to any one of claims 1 to 3, wherein the radicals D<sub>1</sub>, D<sub>2</sub> and D<sub>3</sub> each independently of the others correspond to a radical of formula (5a), (5b), (5c), (5d), (5e) or (6a)



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wherein

$R'_5$  is hydrogen, sulfo or ethoxy unsubstituted or substituted in the alkyl moiety by hydroxy or by sulfato,

$R'_{5a}$  is hydrogen, methyl, ethyl, methoxy, ethoxy, acetylamino, propionylamino or ureido,

$(Q_3)_{0-2}$  denotes from 0 to 2 identical or different substituents selected from the group

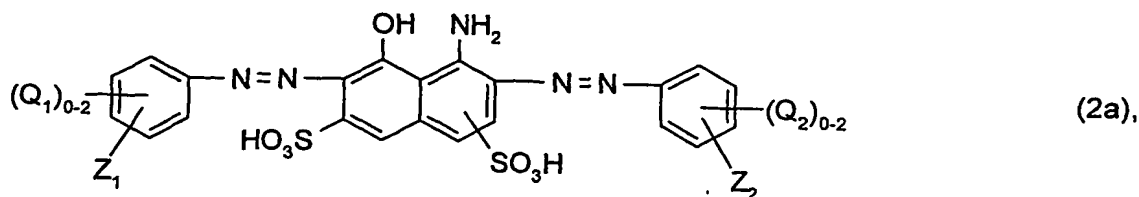
$C_1$ - $C_4$ alkyl,  $C_1$ - $C_4$ alkoxy and sulfo,

$Y_1$  is a group  $-\text{CH}(\text{Br})-\text{CH}_2-\text{Br}$  or  $-\text{C}(\text{Br})=\text{CH}_2$ ,

$Y$  is vinyl,  $\beta$ -chloroethyl or  $\beta$ -sulfatoethyl, and

$m$  is the number 2 or 3.

5. A dye mixture according to any one of claims 1 to 4, wherein the reactive dye of formula (2) is a dye of formula



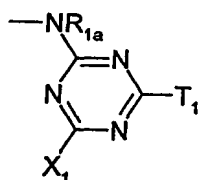
wherein

$(Q_1)_{0-2}$  and  $(Q_2)_{0-2}$  each independently of the other denote from 0 to 2 identical or different substituents selected from the group  $C_1$ - $C_4$ alkyl,  $C_1$ - $C_4$ alkoxy and sulfo, and  $Z_1$  and  $Z_2$  are as defined in claim 1.

6. A dye mixture according to claim 5, wherein

$Z_1$  and  $Z_2$  are each independently of the other a radical of formula (3a), (3b), (3c), (3d), (3e) or (3f)

- |   |  |
|---|--|
| $-\text{SO}_2\text{-Y}$<br>$-\text{NH-CO-(CH}_2)_l\text{-SO}_2\text{-Y}$<br>$-\text{CONR}_2\text{-(CH}_2)_m\text{-SO}_2\text{-Y}$<br>$-\text{NH-CO-CH(Hal)-CH}_2\text{-Hal}$<br>$-\text{NH-CO-C(Hal)=CH}_2$ | <p>(3a),</p> <p>(3b),</p> <p>(3c),</p> <p>(3d),</p> <p>(3e) or</p> |
|---|--|



(3f),

wherein

Y is vinyl,  $\beta$ -chloroethyl or  $\beta$ -sulfatoethyl,

Hal is bromine,

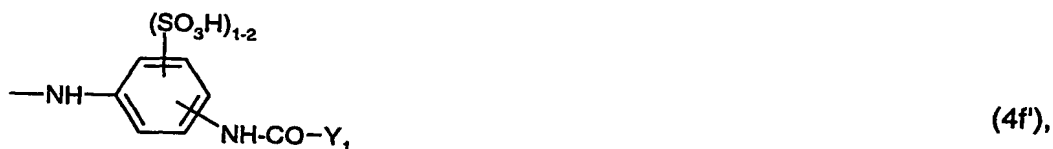
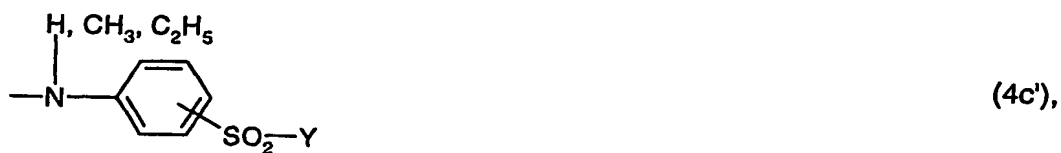
$R_2$  and  $R_{1a}$  are hydrogen,

l and m are each independently of the other the number 2 or 3,

$X_1$  is fluorine or chlorine,

$T_1$  is  $C_1$ - $C_4$ alkoxy,  $C_1$ - $C_4$ alkylthio, hydroxy, amino, N-mono- or N,N-di- $C_1$ - $C_4$ alkylamino unsubstituted or substituted in the alkyl moiety or moieties by hydroxy, sulfato or by sulfo, morpholino, or phenylamino or N- $C_1$ - $C_4$ alkyl-N-phenylamino (wherein the alkyl is unsubstituted or substituted by hydroxy, sulfo or by sulfato) each unsubstituted or substituted in the phenyl ring by sulfo, carboxy, acetylamino, chlorine, methyl or by methoxy, or naphthylamino

unsubstituted or substituted by from 1 to 3 sulfo groups, or  $T_1$  is a fibre-reactive radical of formula (4a'), (4b'), (4c'), (4d') or (4f')

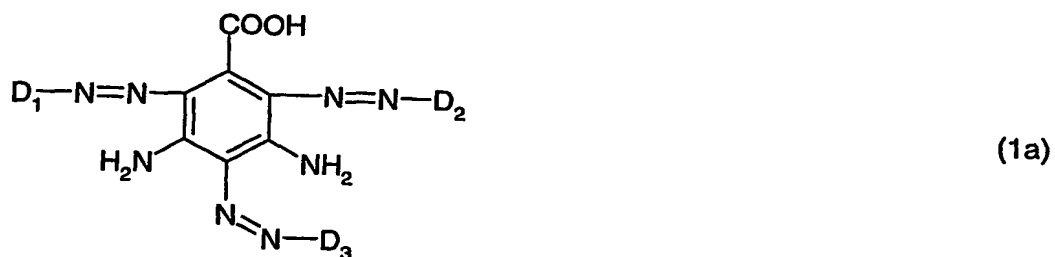


wherein

Y is as defined above, and

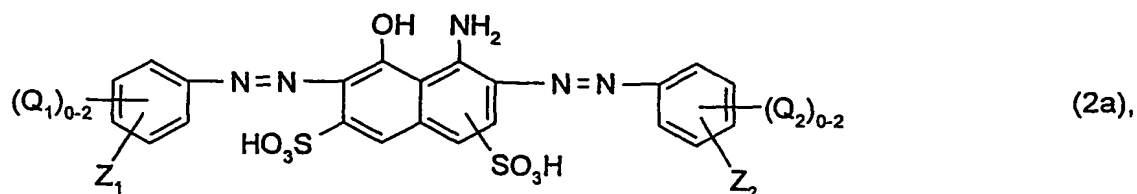
$\text{Y}_1$  is a group  $-\text{CH}(\text{Br})-\text{CH}_2-\text{Br}$  or  $-\text{C}(\text{Br})=\text{CH}_2$ .

7. A dye mixture according to any one of claims 1 to 6, comprising a dye of formula



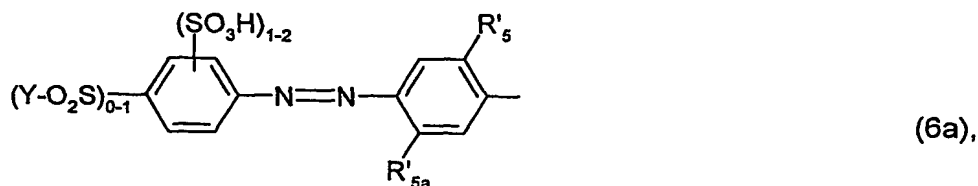
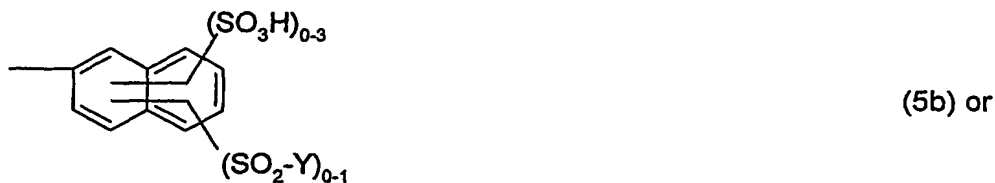
together with a dye of formula

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wherein

D<sub>1</sub>, D<sub>2</sub> and D<sub>3</sub> are each independently of the others a radical of formula (5a), (5b) or (6a)



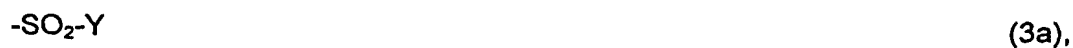
wherein

R'<sub>5</sub> is hydrogen, sulfo or ethoxy unsubstituted or substituted in the alkyl moiety by hydroxy or by sulfato,

R'<sub>5a</sub> is hydrogen, methyl, ethyl, methoxy, ethoxy, acetylamino, propionylamino or ureido,  
 (Q<sub>1</sub>)<sub>0-2</sub>, (Q<sub>2</sub>)<sub>0-2</sub> and (Q<sub>3</sub>)<sub>0-2</sub> each independently of the other denote from 0 to 2 identical or different substituents selected from the group C<sub>1</sub>-C<sub>4</sub>alkyl, C<sub>1</sub>-C<sub>4</sub>alkoxy and sulfo,

Y is vinyl or β-sulfatoethyl, and

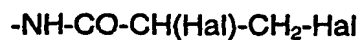
Z<sub>1</sub> and Z<sub>2</sub> are each independently of the other a radical of formula (3a), (3b), (3c), (3d), (3e) or (3f)



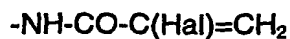
- 45 -



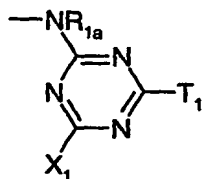
(3c),



(3d),



(3e) or



(3f),

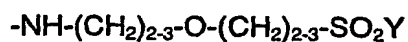
wherein

Y is vinyl,  $\beta$ -chloroethyl or  $\beta$ -sulfatoethyl,

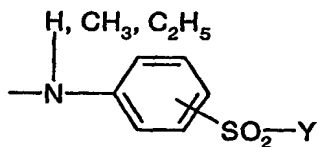
Hal is bromine,

 $R_{1a}$  and  $R_2$  are hydrogen,

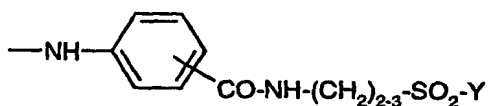
l and m are each independently of the other the number 2 or 3,

 $X_1$  is fluorine or chlorine, and $T_1$  is a fibre-reactive radical of formula (4b'), (4c') or (4d')

(4b'),



(4c') or

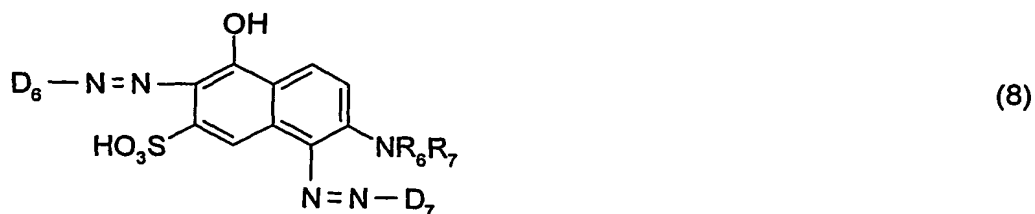


(4d'),

wherein

Y is as defined above.

8. A dye mixture according to any one of claims 1 to 7, which additionally comprises a dye of formula



wherein

$R_6$  and  $R_7$  are each independently of the other hydrogen or  $C_1$ - $C_4$ alkyl, and

$D_6$  and  $D_7$  are each independently of the other the radical of a diazo component of the benzene or naphthalene series.

9. Use of a dye mixture according to any one of claims 1 to 8 in the dyeing or printing of hydroxyl-group-containing or nitrogen-containing fibre materials.

10. Use according to claim 9, wherein cellulosic fibre materials, especially cotton-containing fibre materials, are dyed or printed.

11. An aqueous ink comprising a dye mixture according to claim 1.

12. Use of an aqueous ink according to claim 11 in an inkjet printing method for the printing of hydroxyl-group-containing or nitrogen-containing fibre materials.